Annual Index

Volume 23, 1991

January 1–94
April 95–184
July 185–282
October 283–376

Alexander, Freda E., T. James Ricketts, Joan Williams, and Ray A. Cartwright, Methods of Mapping and Identifying Small Clusters of Rare Diseases with Applications to Geographic Epidemiology, 158–73

Anselin, Luc, and Serge Rey, Properties of Tests for Spatial Dependence in Linear Regression Models, 112–31

Applications of Spatial Data Structures, by Hanan Samet, reviewed, 180–81

Arabie, Phipps. *See* Hubert, Lawrence

Assessment of Spatial Autocorrelation through Constrained Multiple Regression, The, Lawrence Hubert and Phipps Arabie, 95–111

Benguigui, L., and M. Daoud, Is the Suburban Railway System a Fractal?, 362–67

Berry, Brian J. L. *See* Shukla, Vibhooti

Bivariate Correlation with Spatial Data, Robert Haining, 210–27

Boots, B. N., and Gordon F. Royle, A Conjecture on the Maximum Value of the Principal Eigenvalue of a Planar Graph, 276–82

Campbell, Gerard M. *See* Cromley, Robert G.

Cartwright, Ray A. *See* Alexander, Freda E.

Casetti, Emilio, editorial, January, ii

Chou, Yue Hong, Map Resolution and Spatial Autocorrelation, 228–46

Clark, W. A. V., M. C. Deurloo, and F. M. Dieleman, Modeling Categorical Data with Chi Square Automatic Interaction Detection and Correspondence Analysis, 332–45

Conjecture on the Maximum Value of the Principal Eigenvalue of a Planar Graph, A, B. N. Boots and Gordon F. Royle, 276–82

Cromley, Robert G., and Gerard M. Campbell, Noninferior Bandwidth Line Simplification: Algorithm and Structural Analysis, 25–38

Daoud, M. *See* Benguigui, L.

Design and Analysis of Spatial Data Structures, The, Hanan Samet, reviewed, 179–80

Deurloo, M. C. *See* Clark, W. A. V.

Dieleman, F. M. *See* Clark, W. A. V.

Dimensional Variation Estimation: A Methodological Comparison, David B. MacKay, 39–55

Editorial, Emilio Casetti, January, ii

Errors Caused by Rounded Data in Two Simple Facility Location Problems, Yoshiaki Ohsawa, Takeshi Koshizuka, and Osamu Kurita, 56–73

Estimating a Destination-Choice Model from a Choice-based Sample with Limited Information, Jean-Claude Thill and Joel L. Horowitz, 298–315

Fik, Timothy J., and Gordon F. Mulligan, Spatial Price Competition: A Network Approach, 79–89

Fisch, Oscar, A Structural Approach to the Form of the Population Density Function, 261–75

Foster, Stuart A., book review, 369–71

Functional Classification of Space: Aspects of Site Suitability Assessment in a Decision Support Environment, René F. Reitsma, reviewed, 182–84

Geographical Information Systems for Urban and Regional Planning, H. J. Scholten and J. C. H. Stillwell (eds.), reviewed, 371–73

Guests Who Stay, Peter V. Schaeffer, 247–60

Haining, Robert, Bivariate Correlation with Spatial Data, 210–27

Hanink, Dean M., A Hierarchical Market Model of International Trade, 147–57

Hendriks, Paul, book review, 182–84

Hierarchical Market Model of International Trade, A, Dean M. Hanink, 147–57

Horowitz, Joel L. *See* Thill, Jean-Claude

Hubert, Lawrence, and Phipps Arabie, The Assessment of Spatial Autocorrelation through Constrained Multiple Regression, 95–111

Human Role in Earth Surface Systems, The: Some Theoretical Considerations, Jonathan D. Phillips, 316–31

Is the Suburban Railway System a Fractal?, L. Benguigui and M. Daoud, 362–67

Kohn, Robert E., Pigouvian Taxation and the Geographic Dispersion of Emissions in an Economy of Identical Polluting Firms, 74–79

Koshizuka, Takeshi. *See* Ohsawa, Yoshiaki
Kurita, Osamu. *See* Ohsawa, Yoshiaki

Lao, Yong. *See* O'Kelly, M. E.
Leung, Y., *Spatial Analysis and Planning under Imprecision*, reviewed, 90–92
Lo, Lucia, Substitutability, Spatial Structure, and Spatial Interaction, 132–46

MacKay, David B., Dimensional Variation Estimation: A Methodological Comparison, 39–55
Map Resolution and Spatial Autocorrelation, Yue Hong Chou, 228–46
Marble, Duane F., book review, 371–73
Methods of Mapping and Identifying Small Clusters of Rare Diseases with Applications to Geographic Epidemiology, Freda E. Alexander, T. James Ricketts, Joan Williams, and Ray A. Cartwright, 158–73
Mode Choice in a Hub-and-Spoke Network: A Zero-One Linear Programming Approach, M. E. O'Kelly and Yong Lao, 283–97
Modeling Categorical Data with Chi Square Automatic Interaction Detection and Correspondence Analysis, W. A. V. Clark, M. C. Deurloo, and F. M. Dieleman, 332–45
Modeling Suburbanization as an Evolutionary System Dynamic, Debra Straussfogel, 1–24
Multicollinearity and Parameter Estimation in Simultaneous-Equation Models of Fluvial Systems, Bruce L. Rhoads, 346–61

Noninferior Bandwidth Line Simplification: Algorithm and Structural Analysis, Robert G. Cromley and Gerard M. Campbell, 25–38
Noronha, Valerian T., book review, 180–81

O'Kelly, M. E., and Yong Lao, Mode Choice in a Hub-and-Spoke Network: A Zero-One Linear Programming Approach, 283–97
Ohsawa, Yoshiaki, Takeshi Koshizuka, and Osamu Kurita, Errors Caused by Rounded Data in Two Simple Facility Location Problems, 56–73

Pace of Indian Urbanization, The, Vibhooti Shukla, and Brian J. L. Berry, 185–209
Peuquet, Donna J., book review, 179–80
Phillips, Jonathan D., The Human Role in Earth Surface Systems: Some Theoretical Considerations, 316–31
Pigouvian Taxation and the Geographic Dispersion of Emissions in an Economy of Identical Polluting Firms, Robert E. Kohn, 74–79
Pipkin, John S., book review, 90–92
Properties of Tests for Spatial Dependence in Linear Regression Models, Luc Anselin and Serge Rey, 112–31

Quasi-dynamical Model of the Space-Time Evolution of a National Population through Internal Migration, A, Paul B. Slater, note, 174–78

Reitsma, René F., *Functional Classification of Space: Aspects of Site Suitability Assessment in a Decision Support Environment*, reviewed, 182–84
Rey, Serge. *See* Anselin, Luc
Rhoads, Bruce L., Multicollinearity and Parameter Estimation in Simultaneous-Equation Models of Fluvial Systems, 346–61
Ricketts, T. James. *See* Alexander, Freda E.

Samet, Hanan, *Applications of Spatial Data Structures*, reviewed, 180–81
———, *The Design and Analysis of Spatial Data Structures*, reviewed, 179–80
Schaeffer, Peter V., Guests Who Stay, 247–60
Scholten, H. J., and J. C. H. Stillwell (eds.), *Geographical Information Systems for Urban and Regional Planning*, reviewed, 371–73
Shukla, Vibhooti, and Brian J. L. Berry, The Pace of Indian Urbanization, 185–209
Slater, Paul B., A Quasi-dynamical Model of the Space-Time Evolution of a National Population through Internal Migration, note, 174–78
Spatial Analysis and Planning under Imprecision, Y. Leung, reviewed, 90–92
Spatial Epidemiology, R. W. Thomas (ed.), reviewed, 369–71
Spatial Price Competition: A Network Approach, Timothy J. Fik and Gordon F. Mulligan, 79–89
Straussfogel, Debra, Modeling Suburbanization as an Evolutionary System Dynamic, 1–24
Structural Approach to the Form of the Population Density Function, A, Oscar Fisch, 261–75
Substitutability, Spatial Structure, and Spatial Interaction, Lucia Lo, 132–46

Thill, Jean-Claude, and Joel L. Horowitz, Estimating a Destination-Choice Model from a Choice-based Sample with Limited Information, 298–315
Thomas, R. W. (ed.), *Spatial Epidemiology*, reviewed, 369–71

Williams, Joan. *See* Alexander, Freda E.